OIP	E
	. 4
MAY 2 1	2004
\ <u>0</u>	537

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

	Complete if Known			
Application Number	10/625,945			
Filing Date	July 23, 2003			
First Named Inventor	Jerry G. Jex			
Art Unit	Not assigned 2611			
Examiner Name	Not assigned			
Attorney Docket Number	42P15876			

	U.S. PATENT DOCUMENTS					
Examiner		Document Number	Publication Date		Pages, Columns, Lines, Where	
Initials*	Cite No.1	Number - Kind Code ² (if known)	or Issue Oate MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
YT	1	US-5,317,597	05-31-1994	Eisele		
YT	2	US-5,347,543	09-13-1994	Lecoco et al.		
YT	3	US-5,491,434	02-13-1996	Harnishfeger et al.		
YT	4	US-5,821,779	10-13-1998	Martwick		
YT	5	US-6,154,498	11-28-2000	Dabral et al.		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
<u>-</u>		US-				
	<u> </u>	US-				
		US-				
		US-				
		US-				
		US-				
		US-				

	FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,		
initials*	No.'	Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	!'	
YT	6	EP 0 110 427 A2	06-13-1984	Dirr Josef			
YT	7	EP 0 917 324 A2	05-19-1999	STMicroelectronics GMBH			
<u> </u>	ļ						
J							
.		<u>-</u>					
L							

Ten to a grow ex grown	The state of the s			
Examiner Signature	/Young Tse/	Date Considered	12/25/2006	
0.5		Considered	i	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional). She Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible/phicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

ubstitute for form 1449A/PTO TE IBADE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of 1 2

Complete if Known					
Application Number	10/625945				
Filing Date	July 23, 2003				
First Named Inventor	Jerry G. Jex				
Art Unit	Unknewn 2611				
Examiner Name	Unknown				
Attorney Docket Number	42P15876				

	U.S. PATENT DOCUMENTS						
Funnin		Document Number	Publication Date		Pages, Columns, Lines, Where		
Examiner Initials*	Cite No.1	Number - Kind Code ² (if known)	or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relavant Figures Appear		
ΥT		US-3665474	05-23-1972	THAYER			
YT		US-5103463	04-07-1992	SCHOENEBERG			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-		·			
		US-					
		US-					
		US-					
		US-					
		US-					
		US					
		US-					
		US-					
_		US-					

		FOR	EIGN PATENT	DOCUMENTS		
Examiner Cite	Cite	Foreign Patent Document			Pages, Columns, Lines,	Ι.
Initials*	No.	Name Name	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τ°	
				· .		
						1

Examiner Signature	/Young Tse/	Date Considered	12/25/2006
-		1	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drew line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (w/r) 08/11/2003.

FIRE OF THE SUBSTITUTE SUBSTITUTE

Substitute for form 1449A/PTO

2

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

2

 Complete if Known

 Application Number
 10/625945

 Filing Date
 July 23, 2003

 First Named Inventor
 Jerry G. Jex

 Art Unit
 Unknown

 Examiner Name
 Unknown

 Attorney Docket Number
 42P15876

		142P13876			
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T		
YT		PCT SEARCH REPORT DATED 11-15-2004	-		
			-		
		·			
		·			
		·	-		
		•			
			\perp		

Examiner Signature	/Young Tse/	Date Considered	12/25/2006
0.9/10.0/0	L	Considered	, , ,

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.

MAR 0 7 2005

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number 10/625945

Filing Date July 23, 2003

First Named Inventor Jerry G. Jex
Art Unit 2661 2611

Art Unit 2661 2611 Examiner Name Unknown

Attorney Docket Number 42P15876

		U.S. PATE	ENT DOCUMENTS	
Examiner Cite Initials* No.'	Document Number Number - Kind Code ² (if known)	- Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
YT	US-5623518	04-22-1997	PFIFFNER	
YT	US-5862180	01-19-1999	HEINZ	+ · · · · · · · · · · · · · · · · · · ·
YT	US-4663767	05-05-1987	BODLAJ et al	•
YT	US-4569017		RENNER et al	•
YT	US-5898735	04-27-1999	YAMAUCHI	•
	US-			** ***** · · ·
	US-	•	-	• ·- · · · · · · · · · · · · · · · · · ·
	US-		•	
	US-	•	<u> </u>	# : anama
	US-	• •		*···
•	US-		•	···· -·· -··
	US-		· · · · · · · · · · · · · · · · · · ·	·
	US-			
•	US-			
	US-		··· · · · · · · · · · · · · · · · · ·	···
٠	US-	···		• • • • • •
	US-			
	US-			
•	US-			• · · · · · · · · · · · · · · · · · · ·
*-			······································	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where	Relevant Passages vant Figures Appear
		· · 		•		
		· - · · · ·			•	
				• • • • • • • • • • • • • • • • • • • •		•
		· · · · · · · · · · · · · · · · · · ·			••	
				• •	+ -	
		•			•	

Examiner Signature	/Young Tse/	Date Considered	12/25/2006

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional)?See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04?Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).*For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possibf&applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

Substitute for	form 1449A/PTO)		Complete if Known		
INEOD	MATION	ما ما	HDE	Application Number	10/625945	
INFORMATION DISCLOSURE				Filing Date	July 23, 2003	
STATEMENT BY APPLICANT			ANT	First Named Inventor	Jerry G. Jex	
,				Art Unit	2661 2611	
			.	Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	42P15876	

NON PATENT LITERATURE DOCUMENTS					
Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
YT		COUCH - Digital and Analog Communication Systems, pp 160 69, 337 52, and 487 95 (Prentice Hall, 2001, 1997) 160 - 169, 337 - 352, and	487-	-49	
	•	•			
	•				
	·• ·				
	•				
		· · · · · · · · · · · · · · · · · · ·			
		· <u> </u>	-		
	-		\dashv		
	•	·			
	:-				

Examiner	- -	Date '	
Signature	/Young Tse/	Considered	12/25/2006

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Applicant's unique citation designation number.'Applicant is to place a check mark here if English language Translation is attached.

MAR 1 5 2006 INFORMATION [

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

Complete if Known				
Application Number	10/625945			
Filing Date	July 23, 2003			
First Named Inventor	Jerry G. Jex			
Art Unit	2631 2611			
Examiner Name	CHAYOUR, Mohammad H			
Attorney Docket Number	42P15876			

NON PATENT LITERATURE DOCUMENTS					
Examiner Cite No.'		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
YT		PCT/US2004/021799 International Preliminary Report On Patentability (Chapter I Of The Patent Cooperation Treaty) Mailed 1/23/2006			
	<u></u>				

Examiner		10-4-	
LAGITHIE	/ /	Date	
	/Young Tse/		12/25/2006
Signature	/ Toung The/	Considered	12/23/2006
oig.iata.c	•	Considered	, ,
		ľ	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Applicant's unique citation designation number. 'Applicant is to place a check mark here if English language Translation is ettached.